

Marian E Berryhill

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

3,259
citations

147786

31
h-index

155644

55
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84
all docs

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docs citations

84
times ranked

3195
citing authors

#	ARTICLE	IF	CITATIONS
1	Parietal Lobe and Episodic Memory: Bilateral Damage Causes Impaired Free Recall of Autobiographical Memory. <i>Journal of Neuroscience</i> , 2007, 27, 14415-14423.	3.6	255
2	tDCS selectively improves working memory in older adults with more education. <i>Neuroscience Letters</i> , 2012, 521, 148-151.	2.1	253
3	Dissociation Between Memory Accuracy and Memory Confidence Following Bilateral Parietal Lesions. <i>Cerebral Cortex</i> , 2010, 20, 479-485.	2.9	204
4	Some surprising findings on the involvement of the parietal lobe in human memory. <i>Neurobiology of Learning and Memory</i> , 2009, 91, 155-165.	1.9	138
5	Longitudinal Neurostimulation in Older Adults Improves Working Memory. <i>PLoS ONE</i> , 2015, 10, e0121904.	2.5	126
6	A selective working memory impairment after transcranial direct current stimulation to the right parietal lobe. <i>Neuroscience Letters</i> , 2010, 479, 312-316.	2.1	117
7	Hits and misses: leveraging tDCS to advance cognitive research. <i>Frontiers in Psychology</i> , 2014, 5, 800.	2.1	108
8	Older Adults Improve on Everyday Tasks after Working Memory Training and Neurostimulation. <i>Brain Stimulation</i> , 2016, 9, 553-559.	1.6	107
9	Parietal Contributions to Visual Working Memory Depend on Task Difficulty. <i>Frontiers in Psychiatry</i> , 2012, 3, 81.	2.6	96
10	The right parietal lobe is critical for visual working memory. <i>Neuropsychologia</i> , 2008, 46, 1767-1774.	1.6	89
11	The Gestalt principle of similarity benefits visual working memory. <i>Psychonomic Bulletin and Review</i> , 2013, 20, 1282-1289.	2.8	87
12	The strategy and motivational influences on the beneficial effect of neurostimulation: A tDCS and fNIRS study. <i>NeuroImage</i> , 2015, 105, 238-247.	4.2	84
13	Is the posterior parietal lobe involved in working memory retrieval?. <i>Neuropsychologia</i> , 2008, 46, 1775-1786.	1.6	82
14	Insights from neuropsychology: pinpointing the role of the posterior parietal cortex in episodic and working memory. <i>Frontiers in Integrative Neuroscience</i> , 2012, 6, 31.	2.1	75
15	Similarities and differences between parietal and frontal patients in autobiographical and constructed experience tasks. <i>Neuropsychologia</i> , 2010, 48, 1385-1393.	1.6	72
16	Real-world objects are more memorable than photographs of objects. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 837.	2.0	71
17	Frontoparietal theta-gamma interactions track working memory enhancement with training and tDCS. <i>NeuroImage</i> , 2020, 211, 116615.	4.2	68
18	Shifting Attention among Working Memory Representations: Testing Cue Type, Awareness, and Strategic Control. <i>Quarterly Journal of Experimental Psychology</i> , 2012, 65, 426-438.	1.1	67

#	ARTICLE	IF	CITATIONS
19	Cognitive Effects of Transcranial Direct Current Stimulation in Healthy and Clinical Populations. <i>Journal of ECT</i> , 2018, 34, e25-e35.	0.6	59
20	Impaired perception of mnemonic oldness, but not mnemonic newness, after parietal lobe damage. <i>Neuropsychologia</i> , 2014, 56, 409-417.	1.6	55
21	At the intersection of attention and memory: The mechanistic role of the posterior parietal lobe in working memory. <i>Neuropsychologia</i> , 2011, 49, 1306-1315.	1.6	54
22	Vibrotactile temporal summation: probability summation or neural integration?. <i>Somatosensory & Motor Research</i> , 1999, 16, 229-242.	0.9	52
23	True memory, false memory, and subjective recollection deficits after focal parietal lobe lesions.. <i>Neuropsychology</i> , 2010, 24, 465-475.	1.3	51
24	Working memory capacity differentially influences responses to tDCS and HD-tDCS in a retro-cue task. <i>Neuroscience Letters</i> , 2016, 629, 105-109.	2.1	47
25	Frontoparietal neurostimulation modulates working memory training benefits and oscillatory synchronization. <i>Brain Research</i> , 2017, 1667, 28-40.	2.2	44
26	COMT and ANKK1-Taq-Ia Genetic Polymorphisms Influence Visual Working Memory. <i>PLoS ONE</i> , 2013, 8, e55862.	2.5	41
27	The mental wormhole: Internal attention shifts without regard for distance. <i>Attention, Perception, and Psychophysics</i> , 2012, 74, 1199-1215.	1.3	40
28	Frontoparietal tDCS Benefits Visual Working Memory in Older Adults With Low Working Memory Capacity. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 57.	3.4	38
29	Task demands, tDCS intensity, and the COMT val158met polymorphism impact tDCS-linked working memory training gains. <i>Scientific Reports</i> , 2017, 7, 13463.	3.3	37
30	Contralateral delay activity tracks the influence of Gestalt grouping principles on active visual working memory representations. <i>Attention, Perception, and Psychophysics</i> , 2015, 77, 2270-2283.	1.3	36
31	Editorial: Revisiting the Effectiveness of Transcranial Direct Current Brain Stimulation for Cognition: Evidence, Challenges, and Open Questions. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 448.	2.0	36
32	Enhanced long-term memory encoding after parietal neurostimulation. <i>Experimental Brain Research</i> , 2014, 232, 4043-4054.	1.5	33
33	On the minimization of task switch costs following long-term training. <i>Attention, Perception, and Psychophysics</i> , 2009, 71, 503-514.	1.3	30
34	Longitudinal tDCS: Consistency across Working Memory Training Studies. <i>AIMS Neuroscience</i> , 2017, 4, 71-86.	2.3	30
35	Smooth Pursuit of Nonvisual Motion. <i>Journal of Neurophysiology</i> , 2006, 96, 461-465.	1.8	28
36	Differential Frontal Involvement in Shifts of Internal and Perceptual Attention. <i>Brain Stimulation</i> , 2013, 6, 675-682.	1.6	28

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37	Orienting attention in visual working memory requires central capacity: Decreased retro-cue effects under dual-task conditions. <i>Attention, Perception, and Psychophysics</i> , 2014, 76, 715-724.	1.3	28
38	Impaired distance perception and size constancy following bilateral occipitoparietal damage. <i>Experimental Brain Research</i> , 2009, 194, 381-393.	1.5	26
39	Invalid retro-cues can eliminate the retro-cue benefit: Evidence for a hybridized account.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2014, 40, 1748-1754.	0.9	26
40	Bilateral parietal cortex damage does not impair associative memory for paired stimuli. <i>Cognitive Neuropsychology</i> , 2009, 26, 606-619.	1.1	25
41	Cognitive Rehabilitation After Traumatic Brain Injury. <i>OTJR Occupation, Participation and Health</i> , 2015, 35, 5-22.	0.8	25
42	Individual differences in autistic trait load in the general population predict visual working memory performance. <i>Quarterly Journal of Experimental Psychology</i> , 2013, 66, 1182-1195.	1.1	24
43	The steady-state visual evoked potential reveals neural correlates of the items encoded into visual working memory. <i>Neuropsychologia</i> , 2014, 63, 145-153.	1.6	23
44	Replacing tDCS with theta tACS provides selective, but not general WM benefits. <i>Brain Research</i> , 2019, 1720, 146324.	2.2	23
45	Smooth Pursuit and Saccades after Sport-Related Concussion. <i>Journal of Neurotrauma</i> , 2020, 37, 340-346.	3.4	23
46	The locus of color sensation: Cortical color loss and the chromatic visual evoked potential. <i>Journal of Vision</i> , 2013, 13, 15-15.	0.3	17
47	The representation of object distance: evidence from neuroimaging and neuropsychology. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 43.	2.0	16
48	Impaired visual working memory and reduced connectivity in undergraduates with a history of mild traumatic brain injury. <i>Scientific Reports</i> , 2021, 11, 2789.	3.3	13
49	Individual predictors and electrophysiological signatures of working memory enhancement in aging. <i>NeuroImage</i> , 2022, 250, 118939.	4.2	13
50	Multimodal access to verbal name codes. <i>Perception & Psychophysics</i> , 2007, 69, 628-640.	2.3	12
51	Predicting Working Memory Training Benefits From Transcranial Direct Current Stimulation Using Resting-State fMRI. <i>Frontiers in Psychology</i> , 2020, 11, 570030.	2.1	11
52	Effects of Directional Uncertainty on Visually-Guided Joystick Pointing. <i>Perceptual and Motor Skills</i> , 2005, 100, 267-274.	1.3	10
53	Intraparietal regions play a material general role in working memory: Evidence supporting an internal attentional role. <i>Neuropsychologia</i> , 2015, 73, 12-24.	1.6	10
54	Synesthetic grapheme-color percepts exist for newly encountered Hebrew, Devanagari, Armenian and Cyrillic graphemes. <i>Consciousness and Cognition</i> , 2013, 22, 944-954.	1.5	9

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55	Induced and Evoked Human Electrophysiological Correlates of Visual Working Memory Set-Size Effects at Encoding. PLoS ONE, 2016, 11, e0167022.	2.5	9
56	No tDCS augmented working memory training benefit in undergraduates rewarded with course credit. Brain Stimulation, 2020, 13, 1524-1526.	1.6	9
57	Smooth pursuit under stimulus-response uncertainty. Cognitive Brain Research, 2004, 19, 100-102.	3.0	8
58	Electrophysiological correlates of encoding processes in a full-report visual working memory paradigm. Cognitive, Affective and Behavioral Neuroscience, 2018, 18, 353-365.	2.0	7
59	Tasks determine what is learned in visual statistical learning. Psychonomic Bulletin and Review, 2018, 25, 1847-1854.	2.8	7
60	Visual working memory deficits in undergraduates with a history of mild traumatic brain injury. Attention, Perception, and Psychophysics, 2019, 81, 2597-2603.	1.3	7
61	Directional Uncertainty in Visually Guided Pointing. Perceptual and Motor Skills, 2006, 102, 125-132.	1.3	6
62	Effect of uncertainty on the time course for selection of verbal name codes. Perception & Psychophysics, 2005, 67, 1437-1445.	2.3	4
63	A calendar savant with episodic memory impairments. Neurocase, 2010, 16, 208-218.	0.6	4
64	Caught in the ACTS: Defining Abstract Cognitive Task Sequences as an Independent Process. Journal of Cognitive Neuroscience, 2022, 34, 1103-1113.	2.3	4
65	Serial reaction time performance following right parietal lobe damage. Journal of Neuropsychology, 2008, 2, 509-514.	1.4	2
66	Visual statistical learning deficits in memory-impaired individuals. Neurocase, 2018, 24, 259-265.	0.6	2
67	The neural fate of individual item representations in visual working memory. Visual Cognition, 2013, 21, 708-711.	1.6	1
68	Influences on the beneficial effect of neurostimulation. Visual Cognition, 2014, 22, 1034-1038.	1.6	1
69	Individual differences reveal limited mixed-category effects during a visual working memory task. Neuropsychologia, 2019, 122, 1-10.	1.6	1
70	Latency of smooth pursuit under conditions of stimulus-response uncertainty. Journal of Vision, 2010, 2, 179-179.	0.3	0
71	Can Noninvasive Neurostimulation and Working Memory Training Facilitate Transfer Gains in Healthy Older Adults?. American Journal of Occupational Therapy, 2015, 69, 6911520073p1-6911520073p1.	0.3	0
72	Encoding-related neural correlates of set-size limitations of working memory. Journal of Vision, 2015, 15, 298.	0.3	0

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73	Non-linear neural interactions at the time of encoding underlie grouping benefits in working memory. <i>Journal of Vision</i> , 2015, 15, 299.	0.3	0
74	Enhancing Everyday Cognition in Older Adults via Working Memory Training and Transcranial Direct Current Stimulation. <i>American Journal of Occupational Therapy</i> , 2016, 70, 7011520298p1-7011520298p1.	0.3	0
75	A stimulus biased contralateral bias in intraparietal sulcus.. <i>Journal of Vision</i> , 2016, 16, 1064.	0.3	0
76	Visual working memory training with non-invasive neurostimulation increases low frequency phase synchrony. <i>Journal of Vision</i> , 2016, 16, 760.	0.3	0
77	Visual statistical learning faces interference from response and executive demands. <i>Journal of Vision</i> , 2017, 17, 959.	0.3	0
78	Evidence of limited cross-category visual statistical learning in amnesia. <i>Journal of Vision</i> , 2017, 17, 353.	0.3	0
79	Frequency domain analyses of EEG reveal neural correlates of visual working memory capacity limitations observed during encoding using a full report paradigm.. <i>Journal of Vision</i> , 2017, 17, 123.	0.3	0
80	Task-relevant category differences strongly influence temporal visual statistical learning. <i>Journal of Vision</i> , 2018, 18, 1308.	0.3	0
81	Examining the relationship between eye movement kinematics and schizotypy in the normal population. <i>Journal of Vision</i> , 2019, 19, 126b.	0.3	0
82	The Effects of Concussion Can Be Long-Lasting. <i>Frontiers for Young Minds</i> , 0, 8, .	0.8	0